

Serial No. 10/657,495

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS**Claims 1-3 (canceled)**

Claim 4 (currently amended): Polymeric compositions comprising:

at least one material comprising a compound having a formula of



wherein the Ar_1 groups represent the same or different, substituted or unsubstituted C_{6-36} aromatic groups; R_1 is ~~nothing or~~ a straight or branched C_{1-10} alkylene spacer; R_2 is ~~nothing~~ absent, hydrogen or a C_{1-10} alkyl; R_3 is ~~nothing~~ absent, a straight or branched C_{1-10} alkylene spacer, or when R_4 is CH_2COOR_2 or R_5 is COOR_2 , a carbonyl group; R_4 is hydrogen, a C_{1-10} alkyl or CH_2COOR_2 ; R_5 is hydrogen, a C_{1-10} alkyl or COOR_2 ; and m is 1 or 2;

said at least one material being copolymerized with one or more acrylic-type monomers.

Claim 5 (currently amended): A method of making polymeric compositions comprising:

copolymerizing at least one material with one or more acrylic-type monomers, wherein said at least one material comprising a compound having a formula of



wherein the Ar_1 groups represent the same or different, substituted or unsubstituted C_{6-36} aromatic groups; R_1 is ~~nothing or~~ a straight or branched C_{1-10} alkylene spacer; R_2 is ~~nothing~~ absent, hydrogen or a C_{1-10} alkyl; R_3 is ~~nothing~~ absent, a straight or branched C_{1-10} alkylene spacer, or when R_4 is CH_2COOR_2 or R_5 is COOR_2 , a carbonyl group; R_4 is hydrogen, a C_{1-10} alkyl or CH_2COOR_2 ; R_5 is hydrogen, a C_{1-10} alkyl or COOR_2 ; and m is 1 or 2.

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Claim 6 (original): The method of claim 5 wherein said polymeric compositions are produced through free radical copolymerization.

Claim 7 (currently amended): Polymeric compositions comprising:

~~one or more compositions of claim 1~~ at least one material comprising a compound having a formula of



wherein the Ar₁ groups represent the same or different, substituted or unsubstituted C₆₋₃₆ aromatic groups; R₁ is a straight or branched C₁₋₁₀ alkylene spacer; R₂ is absent, hydrogen or a C₁₋₁₀ alkyl; R₃ is absent, a straight or branched C₁₋₁₀ alkylene spacer, or when R₄ is CH₂COOR₂ or R₅ is COOR₂, a carbonyl group; R₄ is hydrogen, a C₁₋₁₀ alkyl or CH₂COOR₂; R₅ is hydrogen, a C₁₋₁₀ alkyl or COOR₂; and m is 1 or 2;

said at least one material being copolymerized with one or more siloxane oligomers.

Claim 8 (currently amended): A method of making polymeric compositions comprising:

~~copolymerizing one or more compositions of claim 1~~ at least one material with one or more siloxane oligomers, wherein said at least one material comprising a compound having a formula of



wherein the Ar₁ groups represent the same or different, substituted or unsubstituted C₆₋₃₆ aromatic groups; R₁ is a straight or branched C₁₋₁₀ alkylene spacer; R₂ is absent, hydrogen or a C₁₋₁₀ alkyl; R₃ is absent, a straight or branched C₁₋₁₀ alkylene spacer, or when R₄ is CH₂COOR₂ or R₅ is COOR₂, a carbonyl group; R₄ is hydrogen, a C₁₋₁₀ alkyl or CH₂COOR₂; R₅ is hydrogen, a C₁₋₁₀ alkyl or COOR₂; and m is 1 or 2.

Claim 9 (previously presented): The method of claim 8 wherein said polymeric compositions are produced through a hydrosilylation reaction.

Claims 10-24 (canceled)